

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ashley J. Birkett) PATENT
Serial No.: 09/931,325) Attorney Docket
Filed: August 15, 2001) ICC-103.1
For: MALARIA IMMUNOGEN AND VACCINE) (4564-83502)
Examiner: Zachariah Lucas) Group Art Unit:
1648

INFORMATION DISCLOSURE STATEMENT

BOX IDS
Commissioner For Patents
Washington, D.C. 20231

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Sir:

Pursuant to 37 C.F.R. §1.97, Documents A1-A67 are listed on the attached Form PTO-1449. Documents A1-A4, A14-A61 were disclosed and discussed in the text of the subject patent application; whereas Documents A6-A8, A10-A11, A62-A63, and A65-A67 were subsequently located and are therefore provided herewith. Document A5, an issued U.S. patent, and Document A9, its published PCT counterpart, describe an invention of the present inventor that relates to a hepatitis B core-based vaccine. Document A12 is a published PCT application of the present inventor that discloses stabilized hepatitis B core-based vaccines. Document A13 is the published PCT version of the subject application.

Documents A42, A56 and A65-A66 were cited in the International Search Report (copy enclosed) for Document A13

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(PCT Application WO 02/13765), corresponding to the present application. Document A64 is a poster presented by the inventor and co-workers in October of 1999 of results using vaccine candidates. None of these cited documents disclose, enable or teach claimed subject matter of the present invention.

No inferences should be drawn that the attached list represents a comprehensive investigation, or that any material disclosed is equivalent to the subject invention.

The cited documents disclose numerous specific features. There has been no attempt to list each and every feature disclosed by each document. The Examiner is requested to review the documents and determine the extent of the materiality of the document disclosures with respect to the present invention.

The discussion of any art and the citation of any document herein is not to be construed as an admission that the art or document disclosure is necessarily within the invention field of endeavor, that the art or document disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that the art or document disclosure is otherwise necessarily prior art as defined by the patent law with respect to the instant invention and application.

Also, there is reserved the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosures of the art and documents recited herein, that may be cited by the Examiner in rejecting a claim in the instant patent application.

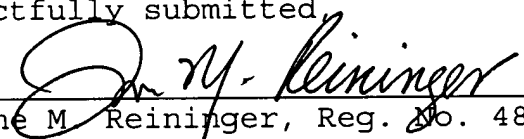
The recitation herein of the art and documents is not to be construed as an assertion that more pertinent art could not possibly be in existence.

Enclosed is Check #079581 in the amount of \$180.00 for submission of an IDS after mailing of the first Office Action. Should this amount be improper or incorrect in any way, please consider this authorization to charge our Deposit Account No. 23-0920.

February 19, 2003

Respectfully submitted,

By


Irene M. Reininger, Reg. No. 48,439

Enclosures:

Form PTO-1449, PCT Search Report
Check #079581 in the amount of \$180.00
Documents A1-A11 in Binder 1 of 3
Documents A12-A25 in Binder 2 of 3
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